

=> s l10 and 1987-1997/py
L11 20 L10 AND 1987-1997/PY

=> s l11 or 18
L12 20 L11 OR L8

=> d l12, 1-20

L12 ANSWER 1 OF 20 MEDLINE
AN 97463310 MEDLINE
DN 97463310 PubMed ID: 9322094
TI Cell-surface marking of CD(34+)-restricted phenotypes of human hematopoietic **progenitor** cells by retrovirus-mediated gene transfer.
AU Ruggieri L; Aiuti A; Salomoni M; Zappone E; Ferrari G; Bordignon C
CS TIGET (Telethon Institute for Gene Therapy), DIBIT, Milano, Italy.
SO HUMAN GENE THERAPY, (1997 Sep 1) 8 (13) 1611-23.
Journal code: 9008950. ISSN: 1043-0342.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199711
ED Entered STN: 19971224
Last Updated on STN: 19971224
Entered Medline: 19971105

L12 ANSWER 2 OF 20 MEDLINE
AN 97447584 MEDLINE
DN 97447584 PubMed ID: 9303324
TI New aspects of mast cell biology.
AU Dvorak A M
CS Department of Pathology, Beth Israel Deaconess Medical Center and Harvard Medical School, Boston, Mass., 02215, USA.
NC AI-33372 (NIAID)
SO INTERNATIONAL ARCHIVES OF ALLERGY AND IMMUNOLOGY, (1997 Sep) 114 (1) 1-9. Ref: 48
Journal code: 9211652. ISSN: 1018-2438.
CY Switzerland
DT Journal; Article; (JOURNAL ARTICLE)
General Review; (REVIEW)
(REVIEW, TUTORIAL)
LA English
FS Priority Journals
EM 199710
ED Entered STN: 19971024
Last Updated on STN: 19971024
Entered Medline: 19971010

L12 ANSWER 3 OF 20 MEDLINE
AN 97180746 MEDLINE
DN 97180746 PubMed ID: 9028964
TI Aberrant overexpression of the Wilms tumor gene (WT1) in human leukemia.
AU Inoue K; Ogawa H; Sonoda Y; Kimura T; Sakabe H; Oka Y; Miyake S; Tamaki H;
Oji Y; Yamagami T; Tatekawa T; Soma T; Kishimoto T; Sugiyama H
CS Department of Medicine III, Osaka University Medical School, Japan.
SO BLOOD, (1997 Feb 15) 89 (4) 1405-12.
Journal code: 7603509. ISSN: 0006-4971.

CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Abridged Index Medicus Journals; Priority Journals
EM 199703
ED Entered STN: 19970327
Last Updated on STN: 20000303
Entered Medline: 19970317

L12 ANSWER 4 OF 20 MEDLINE
AN 97132919 MEDLINE
DN 97132919 PubMed ID: 8978278
TI Cytokine receptor expression on hematopoietic stem and **progenitor** cells.
AU McKinstry W J; Li C L; Rasko J E; Nicola N A; Johnson G R; Metcalf D
CS Walter and Eliza Hall Institute of Medical Research, Victoria,
Australia.
NC CA22556 (NCI)
SO BLOOD, (1997 Jan 1) 89 (1) 65-71.
Journal code: 7603509. ISSN: 0006-4971.

CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Abridged Index Medicus Journals; Priority Journals
EM 199701
ED Entered STN: 19970219
Last Updated on STN: 19970219
Entered Medline: 19970127

L12 ANSWER 5 OF 20 MEDLINE
AN 97033967 MEDLINE
DN 97033967 PubMed ID: 8879625
TI Isolation of CD34+ hematopoietic **progenitor** cells in chronic myeloid leukemia by magnetic activated **cell sorting** (MACS).
AU Martin-Henao G A; Ingles-Esteve J; Cancelas J A; Garcia J
CS Department of Cryobiology and Cell Therapy, Cancer Research Institute, Hospital Duran i Reynals, Barcelona, Spain.
SO BONE MARROW TRANSPLANTATION, (1996 Sep) 18 (3) 603-9.
Journal code: 8702459. ISSN: 0268-3369.

CY ENGLAND: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199701
ED Entered STN: 19970128
Last Updated on STN: 19970128
Entered Medline: 19970116

L12 ANSWER 6 OF 20 MEDLINE
AN 96247486 MEDLINE
DN 96247486 PubMed ID: 8647230
TI Identification of CD34+ subsets after glycoprotease selection: engraftment of CD34+Thy-1+Lin- stem cells in fetal sheep.
AU Sutherland D R; Yeo E L; Stewart A K; Nayar R; DiGiusto R; Zanjani E; Hoffman R; Murray L J
CS Oncology Research, The Toronto Hospital, Toronto, Ontario, Canada.
SO EXPERIMENTAL HEMATOLOGY, (1996 Jun) 24 (7) 795-806.
Journal code: 0402313. ISSN: 0301-472X.

CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199607
ED Entered STN: 19960805
Last Updated on STN: 20000303
Entered Medline: 19960725

L12 ANSWER 7 OF 20 MEDLINE
AN 96203785 MEDLINE
DN 96203785 PubMed ID: 8630381
TI The Tie receptor tyrosine kinase is expressed by human hematopoietic **progenitor** cells and by a subset of megakaryocytic cells.
AU Batard P; Sansilvestri P; Scheinecker C; Knapp W; Debili N; Vainchenker W;
Buhring H J; Monier M N; Kukk E; Partanen J; Matikainen M T; Alitalo R;
Hatzfeld J; Alitalo K
CS Laboratoire de biologie moleculaire et cellulaire des facteurs de croissance, UPR 9044/CNRS, Villejuif, France.
SO BLOOD, (1996 Mar 15) 87 (6) 2212-20.
Journal code: 7603509. ISSN: 0006-4971.

CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Abridged Index Medicus Journals; Priority Journals
EM 199607
ED Entered STN: 19960715
Last Updated on STN: 20000303
Entered Medline: 19960702

L12 ANSWER 8 OF 20 MEDLINE
AN 96199390 MEDLINE
DN 96199390 PubMed ID: 8611678
TI Flt3 ligand induces proliferation of quiescent human bone marrow CD34+CD38- cells and maintains **progenitor** cells in vitro.
AU Shah A J; Smogorzewska E M; Hannum C; Crooks G M
CS Division of Hematology-Oncology, Childrens Hospital Los Angeles, CA 90027,
USA.
NC RO1-HL-94-10-B (NHLBI)
SO BLOOD, (1996 May 1) 87 (9) 3563-70.
Journal code: 7603509. ISSN: 0006-4971.

CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Abridged Index Medicus Journals; Priority Journals
EM 199606
ED Entered STN: 19960613
Last Updated on STN: 19990129
Entered Medline: 19960606

L12 ANSWER 9 OF 20 MEDLINE
AN 95195212 MEDLINE
DN 95195212 PubMed ID: 7534130
TI Murine hematopoietic stem and **progenitor** cells: I. Enrichment and biologic characterization.
AU Li C L; Johnson G R
CS Walter and Eliza Hall Institute of Medical Research, Royal Melbourne Hospital, Victoria, Australia.

NC CA-25972 (NCI)
SO BLOOD, (1995 Mar 15) 85 (6) 1472-9.
Journal code: 7603509. ISSN: 0006-4971.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Abridged Index Medicus Journals; Priority Journals
EM 199504
ED Entered STN: 19950427
Last Updated on STN: 20000303
Entered Medline: 19950414

L12 ANSWER 10 OF 20 MEDLINE
AN 95036331 MEDLINE
DN 95036331 PubMed ID: 7949167
TI Origin of human mast cells: development from transplanted hematopoietic stem cells after allogeneic bone marrow transplantation.
AU Fodinger M; Fritsch G; Winkler K; Emminger W; Mitterbauer G; Gadner H; Valent P; Mannhalter C
CS Department of Molecular Biology, University of Vienna, Austria.
SO BLOOD, (1994 Nov 1) 84 (9) 2954-9.
Journal code: 7603509. ISSN: 0006-4971.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Abridged Index Medicus Journals; Priority Journals
EM 199411
ED Entered STN: 19950110
Last Updated on STN: 19950110
Entered Medline: 19941129

L12 ANSWER 11 OF 20 MEDLINE
AN 94131022 MEDLINE
DN 94131022 PubMed ID: 7507857
TI **c-kit** is expressed by primitive human hematopoietic cells that give rise to colony-forming cells in stroma-dependent or cytokine-supplemented culture.
AU Simmons P J; Aylett G W; Niutta S; To L B; Juttner C A; Ashman L K
CS Leukaemia Research Unit, Hanson Centre for Cancer Research, Adelaide, South Australia.
SO EXPERIMENTAL HEMATOLOGY, (1994 Feb) 22 (2) 157-65.
Journal code: 0402313. ISSN: 0301-472X.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199403
ED Entered STN: 19940318
Last Updated on STN: 20000303
Entered Medline: 19940310

L12 ANSWER 12 OF 20 MEDLINE
AN 94014365 MEDLINE
DN 94014365 PubMed ID: 7691941
TI Monocytes do not make mast cells when cultured in the presence of SCF. Characterization of the circulating mast cell **progenitor** as a **c-kit+**, CD34+, Ly-, CD14-, CD17-, colony-forming cell.
AU Agis H; Willheim M; Sperr W R; Wilfing A; Kromer E; Kabrna E; Spanbloch E; Strobl H; Geissler K; Spittler A; +
CS Department of Internal Medicine I, University of Vienna, Austria.

SO JOURNAL OF IMMUNOLOGY, (1993 Oct 15) 151 (8) 4221-7.
Journal code: 2985117R. ISSN: 0022-1767.

CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Abridged Index Medicus Journals; Priority Journals
EM 199311
ED Entered STN: 19940117
Last Updated on STN: 20000303
Entered Medline: 19931109

L12 ANSWER 13 OF 20 MEDLINE
AN 93333080 MEDLINE
DN 93333080 PubMed ID: 7687890
TI Expression and factor-dependent modulation of the interleukin-3 receptor subunits on human hematopoietic cells.
AU Sato N; Caux C; Kitamura T; Watanabe Y; Arai K; Banchereau J; Miyajima A
CS Department of Molecular Biology, DNAX Research Institute of Molecular and Cellular Biology, Palo Alto, CA 94304.
SO BLOOD, (1993 Aug 1) 82 (3) 752-61.
Journal code: 7603509. ISSN: 0006-4971.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Abridged Index Medicus Journals; Priority Journals
EM 199309
ED Entered STN: 19930917
Last Updated on STN: 19960129
Entered Medline: 19930902

L12 ANSWER 14 OF 20 MEDLINE
AN 93321744 MEDLINE
DN 93321744 PubMed ID: 7687219
TI Expression of **c-kit** mRNA and protein during the differentiation of human hematopoietic **progenitor** cells.
AU Yamaguchi Y; Gunji Y; Nakamura M; Hayakawa K; Maeda M; Osawa H; Nagayoshi K; Kasahara T; Suda T
CS Department of Medical Biology and Parasitology, Jichi Medical School, Tochigi-ken, Japan.
SO EXPERIMENTAL HEMATOLOGY, (1993 Aug) 21 (9) 1233-8.
Journal code: 0402313. ISSN: 0301-472X.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199308
ED Entered STN: 19930826
Last Updated on STN: 20000303
Entered Medline: 19930819

L12 ANSWER 15 OF 20 MEDLINE
AN 93314569 MEDLINE
DN 93314569 PubMed ID: 7686845
TI Expression and function of **c-Kit** in fetal hemopoietic **progenitor** cells: transition from the early **c-Kit**-independent to the late **c-Kit**-dependent wave of hemopoiesis in the murine embryo.
AU Ogawa M; Nishikawa S; Yoshinaga K; Hayashi S; Kunisada T; Nakao J; Kina T;
Sudo T; Kodama H; Nishikawa S

CS Department of Morphogenesis, Kumamoto University School of Medicine, Japan.
SO DEVELOPMENT, (1993 Mar) 117 (3) 1089-98.
Journal code: 8701744. ISSN: 0950-1991.
CY ENGLAND: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199308
ED Entered STN: 19930820
Last Updated on STN: 20000303
Entered Medline: 19930810

L12 ANSWER 16 OF 20 MEDLINE
AN 93283672 MEDLINE
DN 93283672 PubMed ID: 7685200
TI Cytokine-induced selective expansion and maturation of erythroid versus myeloid progenitors from purified cord blood precursor cells.
AU Mayani H; Dragowska W; Lansdorp P M
CS Terry Fax Laboratory, British Columbia Cancer Agency, Vancouver, Canada.
NC AI 29524 (NIAID)
SO BLOOD, (1993 Jun 15) 81 (12) 3252-8.
Journal code: 7603509. ISSN: 0006-4971.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Abridged Index Medicus Journals; Priority Journals
EM 199307
ED Entered STN: 19930723
Last Updated on STN: 19960129
Entered Medline: 19930714

L12 ANSWER 17 OF 20 MEDLINE
AN 93104500 MEDLINE
DN 93104500 PubMed ID: 1281687
TI In vivo and in vitro stem cell function of **c-kit**- and Sca-1-positive murine hematopoietic cells.
AU Okada S; Nakuchi H; Nagayoshi K; Nishikawa S; Miura Y; Suda T
CS Department of Medicine, Jichi Medical School, Tochigi-ken, Japan.
SO BLOOD, (1992 Dec 15) 80 (12) 3044-50.
Journal code: 7603509. ISSN: 0006-4971.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Abridged Index Medicus Journals; Priority Journals
EM 199301
ED Entered STN: 19930212
Last Updated on STN: 20000303
Entered Medline: 19930125

L12 ANSWER 18 OF 20 MEDLINE
AN 93083428 MEDLINE
DN 93083428 PubMed ID: 1280559
TI Developmentally regulated cell surface expression and function of **c-kit** receptor during lymphocyte ontogeny in the embryo and adult mice.
AU Palacios R; Nishikawa S
CS Basel Institute for Immunology, Switzerland.
SO DEVELOPMENT, (1992 Aug) 115 (4) 1133-47.
Journal code: 8701744. ISSN: 0950-1991.

CY ENGLAND: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199301
ED Entered STN: 19930129
Last Updated on STN: 20000303
Entered Medline: 19930107

L12 ANSWER 19 OF 20 MEDLINE
AN 92268798 MEDLINE
DN 92268798 PubMed ID: 1375263
TI Long-term erythropoiesis from constant numbers of CD34+ cells in serum-free cultures initiated with highly purified **progenitor** cells from human bone marrow.
AU Lansdorp P M; Dragowska W
CS Terry Fox Laboratory, British Columbia Cancer Agency, Vancouver, Canada.
NC AI-29524 (NIAID)
SO JOURNAL OF EXPERIMENTAL MEDICINE, (1992 Jun 1) 175 (6) 1501-9.
Journal code: 2985109R. ISSN: 0022-1007.

CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199206
ED Entered STN: 19920710
Last Updated on STN: 19960129
Entered Medline: 19920623

L12 ANSWER 20 OF 20 MEDLINE
AN 92183776 MEDLINE
DN 92183776 PubMed ID: 1371967
TI Influence of combinations of cytokines on proliferation of isolated single **cell-sorted** human bone marrow hematopoietic **progenitor** cells in the absence and presence of serum.
AU Xiao M; Leemhuis T; Broxmeyer H E; Lu L
CS Department of Medicine (Hematology/Oncology), Indiana University School of Medicine, Indianapolis 46202-5121.
NC R01 HL46549 (NHLBI)
R37 CA36464 (NCI)
SO EXPERIMENTAL HEMATOLOGY, (1992 Feb) 20 (2) 276-9.
Journal code: 0402313. ISSN: 0301-472X.

CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199204
ED Entered STN: 19920424
Last Updated on STN: 19960129
Entered Medline: 19920416

=> s akashi k?/au or kondo m?/au or weissman i?/au
L13 12528 AKASHI K?/AU OR KONDO M?/AU OR WEISSMAN I?/AU

=> d his

(FILE 'HOME' ENTERED AT 13:39:46 ON 27 AUG 2002)

FILE 'MEDLINE, BIOSIS, CAPLUS, EMBASE' ENTERED AT 13:40:00 ON 27 AUG 2002

L1	232 S LYMPHOID PROGENITOR CELLS
L2	4789481 S T OR NK OR B PROGENITOR CELLS
L3	19962 S L2 AND PROGENITOR
L4	20055 S L1 OR L3
L5	756 S C-KIT AND L4
L6	35 S CELL SORTING AND L5
L7	25 DUP REM L6 (10 DUPLICATES REMOVED)
L8	14 S L7 AND 1987-1997/PY
L9	46 S CELL SORT? AND L5
L10	33 DUP REM L9 (13 DUPLICATES REMOVED)
L11	20 S L10 AND 1987-1997/PY
L12	20 S L11 OR L8
L13	12528 S AKASHI K?/AU OR KONDO M?/AU OR

=> s 14 and 113
L14 127 L4 AND L13

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=> dup rem l14
PROCESSING COMPLETED FOR L14
L15          78 DUP REM L14 (49 DUPLICATES REMOVED)
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=> s 11 and l13
L16 7 L1 AND L13

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=> dup rem l16.  
PROCESSING COMPLETED FOR L16  
L17          4 DUP REM L16 (3 DUPLICATES REMOVED)
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=> d 117, 1-4

L17 ANSWER 1 OF 4 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
AN 2001:480438 BIOSIS
DN PREV200100480438
TI Promiscuity and plasticity in hematopoietic lineage commitment.
AU **Akashi, Koichi**
SO Experimental Hematology (Charlottesville), (August, 2001) Vol. 29, No. 8
Supplement 1, pp. 1. print.
Meeting Info.: 30th Annual Meeting of the International Society for
Experimental Hematology Tokyo, Japan August 25-28, 2001
ISSN: 0301-472X.
DT Conference
LA English
SL English

L17 ANSWER 2 OF 4 MEDLINE DUPLICATE 1
AN 2000183958 MEDLINE
DN 20183958 PubMed ID: 10688914
TI Posttranscriptional regulation of Bruton's tyrosine kinase expression in antigen receptor-stimulated splenic B cells.
CM Erratum in: Proc Natl Acad Sci U S A 2000 May 9;97(10):5679
AU Nisitani S; Satterthwaite A B; Akashi K; Weissman I L;
Witte O N; Wahl M I
CS Department of Microbiology, Immunology, and Molecular Genetics, and Howard Hughes Medical Institute, University of California at Los Angeles, Los Angeles, CA 90095, USA.
NC CA42551 (NCI)
SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF

AMERICA, (2000 Mar 14) 97 (6) 2737-42.
Journal code: 7505876. ISSN: 0027-8424.

CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200004
ED Entered STN: 20000505
Last Updated on STN: 20000629
Entered Medline: 20000425

L17 ANSWER 3 OF 4 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
AN 2001:311771 BIOSIS
DN PREV200100311771
TI Hematopoietic stem cell survival requires both BCL-2 dependent and BCL-2 independent signals.
AU Domen, Jos (1); Weissman, Irving L. (1)
CS (1) Pathology, Stanford University, Stanford, CA USA
SO Blood, (November 16, 2000) Vol. 96, No. 11 Part 1, pp. 70a. print.
Meeting Info.: 42nd Annual Meeting of the American Society of Hematology
San Francisco, California, USA December 01-05, 2000 American Society of
Hematology
. ISSN: 0006-4971.
DT Conference
LA English
SL English

L17 ANSWER 4 OF 4 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
AN 2000:274987 BIOSIS
DN PREV200000274987
TI Lymphoid development from hematopoietic stem cells.
AU Akashi, Koichi (1); Traver, David; Kondo, Motonari;
Weissman, Irving L.
CS (1) Departments of Pathology and Developmental Biology, Beckman Center
B-261, Stanford University School of Medicine, Stanford, CA, 94305 USA
SO International Journal of Hematology, (June, 1999) Vol. 69, No. 4, pp.
217-226. print..
ISSN: 0925-5710.
DT General Review
LA English
SL English

=> d his

(FILE 'HOME' ENTERED AT 13:39:46 ON 27 AUG 2002)

FILE 'MEDLINE, BIOSIS, CAPLUS, EMBASE' ENTERED AT 13:40:00 ON 27 AUG 2002

L1 232 S LYMPHOID PROGENITOR CELLS
L2 4789481 S T OR NK OR B PROGENITOR CELLS
L3 19962 S L2 AND PROGENITOR
L4 20055 S L1 OR L3
L5 756 S C-KIT AND L4
L6 35 S CELL SORTING AND L5
L7 25 DUP REM L6 (10 DUPLICATES REMOVED)
L8 14 S L7 AND 1987-1997/PY
L9 46 S CELL SORT? AND L5
L10 33 DUP REM L9 (13 DUPLICATES REMOVED)
L11 20 S L10 AND 1987-1997/PY
L12 20 S L11 OR L8

L13 12528 S AKASHI K?/AU OR KONDO M?/AU OR WEISSMAN I?/AU
L14 127 S L4 AND L13
L15 78 DUP REM L14 (49 DUPLICATES REMOVED)
L16 7 S L1 AND L13
L17 4 DUP REM L16 (3 DUPLICATES REMOVED)

=> s l15 and 1990-1997/py
L18 30 L15 AND 1990-1997/PY

=> s l18 not l17
L19 30 L18 NOT L17

=> s l19 not l12
L20 30 L19 NOT L12

=> d l18, 1-30

L18 ANSWER 1 OF 30 MEDLINE
AN 1998064542 MEDLINE
DN 98064542 PubMed ID: 9401275
TI Granulocyte colony-stimulating factor-combined marrow-ablative chemotherapy and autologous blood cell transplantation for the treatment of patients with acute myelogenous leukemia in first remission. The Fukouka Bone Marrow Transplant Group.
AU Harada M; **Akashi K**; Hayashi S; Eto T; Takamatsu Y; Teshima T; Hirota Y; Taniguchi S; Nagafuji K; Mizuno S; Gondo H; Niho Y
CS Second Department of Internal Medicine, Okayama University Medical School,
Japan.
SO INTERNATIONAL JOURNAL OF HEMATOLOGY, (1997 Oct) 66 (3) 297-301.
Journal code: 9111627. ISSN: 0925-5710.
CY Ireland
DT (CLINICAL TRIAL)
Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199801
ED Entered STN: 19980206
Last Updated on STN: 19980206
Entered Medline: 19980127

L18 ANSWER 2 OF 30 MEDLINE
AN 1998054008 MEDLINE
DN 98054008 PubMed ID: 9393859
TI Identification of clonogenic common lymphoid progenitors in mouse bone marrow.
AU **Kondo M; Weissman I L; Akashi K**
CS Department of Pathology, Stanford University School of Medicine, California 94305, USA.
NC CA42551 (NCI)
SO CELL, (1997 Nov 28) 91 (5) 661-72.
Journal code: 0413066. ISSN: 0092-8674.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199712
ED Entered STN: 19980116
Last Updated on STN: 20000303
Entered Medline: 19971229

L18 ANSWER 3 OF 30 MEDLINE
AN 97313236 MEDLINE
DN 97313236 PubMed ID: 9169840
TI Identification of a lineage of multipotent hematopoietic progenitors.
AU Morrison S J; Wandycz A M; Hemmati H D; Wright D E; **Weissman I L**
CS Department of Pathology, Stanford University, California 94305, USA..
MorrisonS@starbase1.caltech.edu
NC CA42551 (NCI)
SO DEVELOPMENT, (1997 May) 124 (10) 1929-39.
Journal code: 8701744. ISSN: 0950-1991.
CY ENGLAND: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199706
ED Entered STN: 19970716
Last Updated on STN: 20000303
Entered Medline: 19970627

L18 ANSWER 4 OF 30 MEDLINE
AN 97203160 MEDLINE
DN 97203160 PubMed ID: 9050878
TI Cyclophosphamide/granulocyte colony-stimulating factor induces hematopoietic stem cells to proliferate prior to mobilization.
AU Morrison S J; Wright D E; **Weissman I L**
CS Department of Pathology, Stanford University, CA 94305, USA..
morrisonS@starbase1.caltech.edu
SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, (1997 Mar 4) 94 (5) 1908-13.
Journal code: 7505876. ISSN: 0027-8424.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199704
ED Entered STN: 19970422
Last Updated on STN: 20000303
Entered Medline: 19970407

L18 ANSWER 5 OF 30 MEDLINE
AN 96376352 MEDLINE
DN 96376352 PubMed ID: 8782459
TI The aging of hematopoietic stem cells.
CM Comment in: Nat Med. 1996 Dec;2(12):1281-3
AU Morrison S J; Wandycz A M; Akashi K; Globerson A; **Weissman I L**
CS Department of Pathology, Stanford University, California 94305, USA.
NC CA 42551 (NCI)
SO NATURE MEDICINE, (1996 Sep) 2 (9) 1011-6.
Journal code: 9502015. ISSN: 1078-8956.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199610
ED Entered STN: 19961106
Last Updated on STN: 19980206
Entered Medline: 19961022

L18 ANSWER 6 OF 30 MEDLINE
AN 96335190 MEDLINE
DN 96335190 PubMed ID: 8765430
TI Granulocyte colony-stimulating factor-induced mobilization of peripheral blood stem cells for autologous and allogeneic transplantation. Fukuoka Bone Marrow Transplantation Group.
AU Harada M; Teshima T; Fujisaki T; Mizuno S; Miyamoto T; Takamatsu Y; Kubota A; Ohno Y; Kuroiwa M; Takenaka K; Eto T; **Akashi K**; Gondo H; Okamura T; Inaba S; Niho Y
CS Second Department of Internal Medicine, Okayama University Medical School, Japan.
SO CANCER CHEMOTHERAPY AND PHARMACOLOGY, (1996) 38 Suppl S115-9.
Journal code: 7806519. ISSN: 0344-5704.
CY GERMANY: Germany, Federal Republic of
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199609
ED Entered STN: 19960924
Last Updated on STN: 19960924
Entered Medline: 19960917

L18 ANSWER 7 OF 30 MEDLINE
AN 96219659 MEDLINE
DN 96219659 PubMed ID: 8639850
TI Persistence of multipotent progenitors expressing AML1/ETO transcripts in long-term remission patients with t(8;21) acute myelogenous leukemia.
AU Miyamoto T; Nagafuji K; **Akashi K**; Harada M; Kyo T; Akashi T; Takenaka K; Mizuno S; Gondo H; Okamura T; Dohy H; Niho Y
CS First Department of Internal Medicine, Faculty of Medicine, Kyushu University, Fukuoka, Japan.
SO BLOOD, (1996 Jun 1) 87 (11) 4789-96.
Journal code: 7603509. ISSN: 0006-4971.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Abridged Index Medicus Journals; Priority Journals
EM 199607
ED Entered STN: 19960726
Last Updated on STN: 19960726
Entered Medline: 19960718

L18 ANSWER 8 OF 30 MEDLINE
AN 96036072 MEDLINE
DN 96036072 PubMed ID: 7479772
TI The purification and characterization of fetal liver hematopoietic stem cells.
AU Morrison S J; Hemmati H D; Wandycz A M; **Weissman I L**
CS Department of Pathology and Developmental Biology, Stanford University, CA
CA 94305, USA.
NC CA42551 (NCI)
SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, (1995 Oct 24) 92 (22) 10302-6.
Journal code: 7505876. ISSN: 0027-8424.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)

LA English
FS Priority Journals
EM 199511
ED Entered STN: 19960124
Last Updated on STN: 19970203
Entered Medline: 19951130

L18 ANSWER 9 OF 30 MEDLINE
AN 94264331 MEDLINE
DN 94264331 PubMed ID: 7911343
TI Rapid and sustained hematopoietic recovery in lethally irradiated mice transplanted with purified Thy-1.1lo Lin-Sca-1+ hematopoietic stem cells.
AU Uchida N; Aguila H L; Fleming W H; Jerabek L; Weissman I L
CS Department of Pathology, Stanford University School of Medicine, CA 94305
NC CA-42551 (NCI)
SO BLOOD, (1994 Jun 15) 83 (12) 3758-79.
Journal code: 7603509. ISSN: 0006-4971.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Abridged Index Medicus Journals; Priority Journals
EM 199407
ED Entered STN: 19940721
Last Updated on STN: 19950206
Entered Medline: 19940712

L18 ANSWER 10 OF 30 MEDLINE
AN 94264300 MEDLINE
DN 94264300 PubMed ID: 7515713
TI Demonstration that Thy(1) subsets of mouse bone marrow that express high levels of lineage markers are not significant hematopoietic progenitors.
AU Morrison S J; Lagasse E; Weissman I L
CS Department of Pathology, Stanford University School of Medicine, CA.
NC CA42551 (NCI)
SO BLOOD, (1994 Jun 15) 83 (12) 3480-90.
Journal code: 7603509. ISSN: 0006-4971.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Abridged Index Medicus Journals; Priority Journals
EM 199407
ED Entered STN: 19940721
Last Updated on STN: 19960129
Entered Medline: 19940712

L18 ANSWER 11 OF 30 MEDLINE
AN 94093292 MEDLINE
DN 94093292 PubMed ID: 7505667
TI The in vivo effects of steel factor on natural killer lineage cells in murine spleen and bone marrow.
AU Miller S C; Fleming W H; Zsebo K M; Weissman I L
CS Department of Anatomy, McGill University, Montreal, Canada.
SO NATURAL IMMUNITY, (1993 Nov-Dec) 12 (6) 293-301.
Journal code: 9206126. ISSN: 1018-8916.
CY Switzerland
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals

EM 199401
ED Entered STN: 19940215
Last Updated on STN: 19960129
Entered Medline: 19940131

L18 ANSWER 12 OF 30 MEDLINE
AN 94033568 MEDLINE
DN 94033568 PubMed ID: 7693049
TI Hematopoietic **progenitor** cells from patients with adult
T-cell leukemia-lymphoma are not infected with human T-
cell leukemia virus type 1.
AU Nagafuji K; Harada M; Teshima T; Eto T; Takamatsu Y; Okamura T; Murakawa
M; **Akashi K**; Niho Y
CS First Department of Internal Medicine, Faculty of Medicine, Kyushu
University, Fukuoka, Japan.
SO BLOOD, (1993 Nov 1) 82 (9) 2823-8.
Journal code: 7603509. ISSN: 0006-4971.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Abridged Index Medicus Journals; Priority Journals; AIDS
EM 199311
ED Entered STN: 19940117
Last Updated on STN: 19960129
Entered Medline: 19931126

L18 ANSWER 13 OF 30 MEDLINE
AN 93352702 MEDLINE
DN 93352702 PubMed ID: 8349737
TI Functional heterogeneity is associated with the cell cycle status of
murine hematopoietic stem cells.
AU Fleming W H; Alpern E J; Uchida N; Ikuta K; Spangrude G J; **Weissman I L**
CS Department of Medicine, Stanford University, California.
NC CA-42551 (NCI)
SO JOURNAL OF CELL BIOLOGY, (1993 Aug) 122 (4) 897-902.
Journal code: 0375356. ISSN: 0021-9525.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199309
ED Entered STN: 19931001
Last Updated on STN: 19931001
Entered Medline: 19930916

L18 ANSWER 14 OF 30 MEDLINE
AN 93332856 MEDLINE
DN 93332856 PubMed ID: 7687859
TI Kinetics of circulating haematopoietic progenitors during
chemotherapy-induced mobilization with or without granulocyte
colony-stimulating factor.
AU Liu K Y; **Akashi K**; Harada M; Takamatsu Y; Niho Y
CS First Department of Internal Medicine, Faculty of Medicine, Kyushu
University, Fukuoka, Japan.
SO BRITISH JOURNAL OF HAEMATOLOGY, (1993 May) 84 (1) 31-8.
Journal code: 0372544. ISSN: 0007-1048.
CY ENGLAND: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English

FS Priority Journals
EM 199309
ED Entered STN: 19930917
Last Updated on STN: 19970203
Entered Medline: 19930902

L18 ANSWER 15 OF 30 MEDLINE
AN 93316582 MEDLINE
DN 93316582 PubMed ID: 8326735
TI B-lymphoid/myeloid stem cell origin in Ph-positive acute leukemia with myeloid markers.
AU **Akashi K**; Taniguchi S; Nagafuji K; Harada M; Shibuya T; Hayashi S; Gondo H; Niho Y
CS Harasanshin General Hospital, Fukuoka, Japan.
SO LEUKEMIA RESEARCH, (1993 Jul) 17 (7) 549-55.
Journal code: 7706787. ISSN: 0145-2126.
CY ENGLAND: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199308
ED Entered STN: 19930820
Last Updated on STN: 19930820
Entered Medline: 19930812

L18 ANSWER 16 OF 30 MEDLINE
AN 93301603 MEDLINE
DN 93301603 PubMed ID: 8315382
TI Differentiation of CD3-4-8- human fetal thymocytes in vivo: characterization of a CD3-4+8- intermediate.
AU Kraft D L; **Weissman I L**; Waller E K
CS Cancer Biology Research Laboratory, Stanford University School of Medicine, California 94305.
NC CA-42551 (NCI)
SO JOURNAL OF EXPERIMENTAL MEDICINE, (1993 Jul 1) 178 (1) 265-77.
Journal code: 2985109R. ISSN: 0022-1007.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199307
ED Entered STN: 19930813
Last Updated on STN: 19970203
Entered Medline: 19930723

L18 ANSWER 17 OF 30 MEDLINE
AN 93231971 MEDLINE
DN 93231971 PubMed ID: 1299660
TI Folinic acid does not mobilize hemopoietic progenitors following repeated consolidation chemotherapy for acute leukemia.
AU Teshima T; Harada M; Takamatsu Y; Inaba S; Kondo S; **Akashi K**; Okamura T; Niho Y
CS First Department of Internal Medicine, Faculty of Medicine, Kyushu University, Fukuoka, Japan.
SO JOURNAL OF CLINICAL APHERESIS, (1992) 7 (4) 213-6.
Journal code: 8216305. ISSN: 0733-2459.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals

EM 199305
ED Entered STN: 19930604
Last Updated on STN: 19930604
Entered Medline: 19930520

L18 ANSWER 18 OF 30 MEDLINE
AN 93136039 MEDLINE
DN 93136039 PubMed ID: 1283077
TI Biological characteristics of CD7 positive acute myelogenous leukaemia.
AU Eto T; **Akashi K**; Harada M; Shibuya T; Takamatsu Y; Teshima T;
Niho Y
CS First Department of Internal Medicine, Faculty of Medicine, Kyushu
University, Fukuoka, Japan.
SO BRITISH JOURNAL OF HAEMATOLOGY, (1992 Nov) 82 (3) 508-14.
Journal code: 0372544. ISSN: 0007-1048.
CY ENGLAND: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199302
ED Entered STN: 19930312
Last Updated on STN: 19960129
Entered Medline: 19930219

L18 ANSWER 19 OF 30 MEDLINE
AN 93045001 MEDLINE
DN 93045001 PubMed ID: 1384898
TI Cytotoxic drug and cytotoxic drug/G-CSF mobilization of peripheral blood
stem cells and their use for autografting.
AU Teshima T; Harada M; Takamatsu Y; Makino K; Taniguchi S; Inaba S; Kondo
S;
Tanaka T; **Akashi K**; Minamishima I; +
CS First Department of Internal Medicine, Faculty of Medicine, Kyushu
University, Fukuoka, Japan.
SO BONE MARROW TRANSPLANTATION, (1992 Sep) 10 (3) 215-20.
Journal code: 8702459. ISSN: 0268-3369.
CY ENGLAND: United Kingdom
DT (CLINICAL TRIAL)
(CONTROLLED CLINICAL TRIAL)
Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199212
ED Entered STN: 19930122
Last Updated on STN: 20000303
Entered Medline: 19921204

L18 ANSWER 20 OF 30 MEDLINE
AN 92159077 MEDLINE
DN 92159077 PubMed ID: 1371359
TI Evidence that hematopoietic stem cells express mouse c-kit but do not
depend on steel factor for their generation.
AU Ikuta K; **Weissman I L**
CS Howard Hughes Medical Institute, Stanford University School of Medicine,
CA 94305.
NC AI09072 (NIAID)
CA42551 (NCI)
SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF
AMERICA, (1992 Feb 15) 89 (4) 1502-6.
Journal code: 7505876. ISSN: 0027-8424.

CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199203
ED Entered STN: 19920410
Last Updated on STN: 20000303
Entered Medline: 19920323

L18 ANSWER 21 OF 30 MEDLINE
AN 92052198 MEDLINE
DN 92052198 PubMed ID: 1946416
TI The in vitro response of phenotypically defined mouse stem cells and myeloerythroid progenitors to single or multiple growth factors.
AU Heimfeld S; Hudak S; **Weissman I**; Rennick D
CS Department of Immunology, DNAX Research Institute of Cellular and Molecular Biology, Palo Alto, CA 94304.
NC AI09072 (NIAID)
SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, (1991 Nov 1) 88 (21) 9902-6.
Journal code: 7505876. ISSN: 0027-8424.

CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199112
ED Entered STN: 19920124
Last Updated on STN: 19920124
Entered Medline: 19911203

L18 ANSWER 22 OF 30 MEDLINE
AN 92044326 MEDLINE
DN 92044326 PubMed ID: 1719121
TI Lymphoid reconstitution of the human fetal thymus in SCID mice with CD34+ precursor cells.
AU Peault B; **Weissman I L**; Baum C; McCune J M; Tsukamoto A
CS SyStemix, Inc., Palo Alto, California 94303.
SO JOURNAL OF EXPERIMENTAL MEDICINE, (1991 Nov 1) 174 (5) 1283-6.
Journal code: 2985109R. ISSN: 0022-1007.

CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199112
ED Entered STN: 19920124
Last Updated on STN: 19960129
Entered Medline: 19911213

L18 ANSWER 23 OF 30 MEDLINE
AN 91329844 MEDLINE
DN 91329844 PubMed ID: 1678290
TI Culture of phenotypically defined hematopoietic stem cells and other progenitors at limiting dilution on Dexter monolayers.
CM Comment in: Blood. 1992 Feb 1;79(3):834-7
AU Weilbaecher K; **Weissman I**; Blume K; Heimfeld S
CS SyStemix, Palo Alto, CA.
NC 1P01 CA 49605 (NCI)
SO BLOOD, (1991 Aug 15) 78 (4) 945-52.
Journal code: 7603509. ISSN: 0006-4971.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Abridged Index Medicus Journals; Priority Journals
EM 199109
ED Entered STN: 19911006
Last Updated on STN: 19950206
Entered Medline: 19910913

L18 ANSWER 24 OF 30 MEDLINE
AN 91147888 MEDLINE
DN 91147888 PubMed ID: 1997648
TI Evidence for a role of the integrin VLA-4 in lympho-hemopoiesis.
AU Miyake K; **Weissman I L**; Greenberger J S; Kincade P W
CS Oklahoma Medical Research Foundation, Oklahoma City 73104.
NC AI-19884 (NIAID)
AI-20069 (NIAID)
CA-42551 (NCI)
+
SO JOURNAL OF EXPERIMENTAL MEDICINE, (1991 Mar 1) 173 (3) 599-607.
Journal code: 2985109R. ISSN: 0022-1007.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199104
ED Entered STN: 19910419
Last Updated on STN: 19910419
Entered Medline: 19910402

L18 ANSWER 25 OF 30 MEDLINE
AN 91006066 MEDLINE
DN 91006066 PubMed ID: 2120050
TI IgH enhancer deregulated expression of L-myc: abnormal T
lymphocyte development and T cell lymphomagenesis.
AU Moroy T; Fisher P; Guidos C; Ma A; Zimmerman K; Tesfaye A; DePinho R;
Weissman I; Alt F W
CS Howard Hughes Medical Institute, College of Physicians and Surgeons,
Columbia University, New York, NY 10032.
NC AI 20047 (NIAID)
CA23767 (NCI)
CA42335 (NCI)
+
SO EMBO JOURNAL, (1990 Nov) 9 (11) 3659-66.
Journal code: 8208664. ISSN: 0261-4189.
CY ENGLAND: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199011
ED Entered STN: 19910117
Last Updated on STN: 19910117
Entered Medline: 19901121

L18 ANSWER 26 OF 30 MEDLINE
AN 90110993 MEDLINE
DN 90110993 PubMed ID: 2404061
TI An immunodominant murine lymphoma cell surface heterodimer marks thymic
progenitor subsets.
AU Majumdar A S; Guidos C; Kaneshima H; White J H; Marian J; Lieberman M;
Weissman I L

CS Department of Radiation Oncology, Stanford University School of Medicine,
CA 94305.
NC CA 03352 (NCI)
CA 42551 (NCI)
SO JOURNAL OF IMMUNOLOGY, (1990 Jan 1) 144 (1) 111-21.
Journal code: 2985117R. ISSN: 0022-1767.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Abridged Index Medicus Journals; Priority Journals
EM 199002
ED Entered STN: 19900328
Last Updated on STN: 19900328
Entered Medline: 19900209

L18 ANSWER 27 OF 30 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
AN 1997:143593 BIOSIS
DN PREV199799442796
TI Abnormal outflow of hematopoietic **progenitor** cells from bone marrow in the gamma-c chain mutant mouse.
AU Kondo, Motonari (1); Akashi, Koichi (1); Sugamura, Kazuo; Weissman, Irving L. (1)
CS (1) Dep. Pathol., Stanford Univ., Stanford, CA USA
SO Journal of Allergy and Clinical Immunology, (1997) Vol. 99, No. 1 PART 2, pp. S17.
Meeting Info.: Joint Meeting of the American Academy of Allergy, Asthma and Immunology, the American Association of Immunologists and the Clinical Immunology Society San Francisco, California, USA February 21-26, 1997
ISSN: 0091-6749.
DT Conference; Abstract
LA English

L18 ANSWER 28 OF 30 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
AN 1996:47831 BIOSIS
DN PREV199698619966
TI Persistence of multipotent **progenitor** expressing AML1/ETO transcripts in patients with t(8;21) AML in long-term remission.
AU Miyamoto, T.; Nagafuji, K.; Akashi, K.; Harada, M.; Niho, Y.
CS First Dep. Internal Med., Fac. Med., Kyushu Univresity, Fukuoka Japan
SO Blood, (1995) Vol. 86, No. 10 SUPPL. 1, pp. 37A.
Meeting Info.: 37th Annual Meeting of the American Society of Hematology Seattle, Washington, USA December 1-5, 1995
ISSN: 0006-4971.
DT Conference
LA English

L18 ANSWER 29 OF 30 CAPLUS COPYRIGHT 2002 ACS
AN 1996:705804 CAPLUS
DN 125:326434
TI Enrichment for a thymocyte subset having **progenitor** cell activity using c-kit as a selection marker
IN Akashi, Koichi; Weissman, Irving
PA Board of Trustees for the Leland Stanford Junior University, USA
SO PCT Int. Appl., 37 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO. KIND DATE APPLICATION NO. DATE

PI WO 9631538 A1 19961010 WO 1996-US4801 19960404 <--
 W: AU, CA, JP
 RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT,
 SE US 5821108 A 19981013 US 1995-418534 19950407
 AU 9654458 A1 19961023 AU 1996-54458 19960404 <--
 PRAI US 1995-418534 19950407
 WO 1996-US4801 19960404

L18 ANSWER 30 OF 30 CAPLUS COPYRIGHT 2002 ACS
 AN 1994:678325 CAPLUS
 DN 121:278325
 TI Stem cells, clonal progenitors, and commitment to the three lymphocyte
 lineages: T, B, and NK cells
 AU Weissman, Irving L.
 CS Sch. Med., Stanford Univ., Stanford, CA, 94305, USA
 SO Immunity (1994), 1(7), 529-31
 CODEN: IUNIEH; ISSN: 1074-7613
 DT Journal; General Review
 LA English

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(FILE 'HOME' ENTERED AT 13:39:46 ON 27 AUG 2002)

FILE 'MEDLINE, BIOSIS, CAPLUS, EMBASE' ENTERED AT 13:40:00 ON 27 AUG 2002
 L1 232 S LYMPHOID PROGENITOR CELLS
 L2 4789481 S T OR NK OR B PROGENITOR CELLS
 L3 19962 S L2 AND PROGENITOR
 L4 20055 S L1 OR L3
 L5 756 S C-KIT AND L4
 L6 35 S CELL SORTING AND L5
 L7 25 DUP REM L6 (10 DUPLICATES REMOVED)
 L8 14 S L7 AND 1987-1997/PY
 L9 46 S CELL SORT? AND L5
 L10 33 DUP REM L9 (13 DUPLICATES REMOVED)
 L11 20 S L10 AND 1987-1997/PY
 L12 20 S L11 OR L8
 L13 12528 S AKASHI K?/AU OR KONDO M?/AU OR WEISSMAN I?/AU
 L14 127 S L4 AND L13
 L15 78 DUP REM L14 (49 DUPLICATES REMOVED)
 L16 7 S L1 AND L13
 L17 4 DUP REM L16 (3 DUPLICATES REMOVED)
 L18 30 S L15 AND 1990-1997/PY
 L19 30 S L18 NOT L17
 L20 30 S L19 NOT L12

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 FULL ESTIMATED COST

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